

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A vascular occlusion device comprising:

an occlusive device having a hollow cylindrical element (1) that can be twisted to its axis to create a striction zone, comprising:

a transverse compression deformable body (2) applied to the inner wall of the cylindrical element (1),

comprising a through hole (3) according to axis (4) of the cylindrical element (1), and

the device further comprising two end parts, surrounding the cylindrical element (1) and whose relative angular position determines the torsion of ~~said~~ the cylindrical element (1), said end parts possessing means of attachment to the wall of a vessel,

the attachment means are expanding elements (5 and 6),  
wherein the deformable body (2) and the cylindrical element (1) are distinct parts, and

the deformable body has a thickness greater than the thickness of the cylindrical element.

2. (previously presented) The device according to claim 1, wherein the deformable body (2) is attached to the inner wall of the cylindrical element (1).

3. (previously presented) The device according to claim 1, wherein the deformable body (2) is made from a polymer material.

4. (cancelled)

5. (currently amended) The device according to claim 1, wherein the cylindrical element (1) and the deformable body (2) both have circular cross sections.

6-8. (cancelled)

9. (previously presented) The device according to claim 1, comprising a seal (11) on the outer surface of at least one of the expanding elements (5 and 6), said seal (11) being appropriate for application to the wall of a vessel.

10. (previously presented) The device according to claim 1, comprising a peripheral obturation web (12) extending from one end of the deformable (2) body (14) and the edge (13) of the expanding element (5, 6).

11. (previously presented) The device according to claim 1, comprising a removable guide (7) positioned according to the axis (4) of the cylindrical element (1) and crossing the hole (3) in the deformable body (2).

12. (previously presented) The device according to claim 11, comprising a removable sheath (8) inserted between the wall of the hole (3) in the deformable body (2) and the outer wall of the guide (7),

13. (previously presented) The device according to claim 1, comprising a removable sleeve (9) surrounding the occlusive device.

14. (cancelled)

15. (cancelled)

16. (previously presented) The device according to claim 3, wherein the polymer material has shape memory properties.

17. (previously presented) The device according to claim 1, wherein the expanding elements are self-expanding frames.

18. (previously presented) The device according to claim 1, further comprising a Nitinol® based metallic frame having a first central zone constituting the cylindrical element and two zones around the first zone, said two zones constituting expanding elements.

19. (cancelled)

20. (cancelled)

21. (new) The vascular occlusion device according to claims 1, wherein the cylindrical element comprises a sealed wall.

22. (new) The vascular occlusion device according to claims 1, wherein transverse compression of the transverse compression deformable body is in a direction perpendicular to the longitudinal axis of the device.

23. (new) The device according to claim 1, wherein the expanding elements attaching to the wall of a vessel are formed in a hooked shape.